

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L2 | 3395 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15 606/130 607/46). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/21 08:03 |
| L3 | 1845 | (128/897 128/899).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/21 08:03 |
| L4 | 2852 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15 606/130).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/21 08:03 |
| L5 | 2388 | (128/897 128/899 607/46). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/21 08:03 |
| S1 | 42 | (("20050234286") or ("20060161039") or ("6179771") or ("20050033380") or ("5769778") or ("6198958") or ("6266556") or ("6571123") or ("6926660") or ("20020007128") or ("20040078056") or ("20040193001") or ("20050148808") or ("20050182288") or ("20050228209") or ("20060047316") or ("20060052657") or ("20060052687") or ("4990840") or ("5622358") or ("6220204") or ("6220204") or ("6664754") or ("6827681") or ("6830544") or ("6978179") or ("7008370") or ("7087008") or ("20020011816") or ("20030004392") or ("20030023159") or ("20030050527") or ("20030065243") or ("20040143300") or ("20040193002") or ("20050113630") or ("20050256539") or | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 11:48 |

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|-----|------|---|---|----|-----|---------------------|
| | | ("20060122496") or ("20060173274") or ("6316405") or ("6303780") or ("6410562") or ("6365592")).PN. | | | | |
| S2 | 35 | S1 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 12:07 |
| S3 | 32 | S2 and (coil or conduct\$3 or wire) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 12:07 |
| S4 | 1614 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 12:06 |
| S5 | 1231 | S4 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 14:14 |
| S6 | 746 | S5 and (coil or conduct\$3 or wire) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 14:10 |
| S7 | 601 | S6 and (sensor or position \$3 or contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:39 |
| S8 | 159 | S7 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 12:27 |
| S9 | 78 | S8 and ("TMS" or trans \$crani\$2 or stimulation) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:16 |
| S10 | 593 | S7 and (position\$3 or contact\$3 or map or mapping) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 12:28 |
| S11 | 262 | S10 and ("TMS" or trans \$crani\$2 or stimulation) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:11 |
| S12 | 185 | S11 not S8 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 12:43 |

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| S13 | 2652 | (coil or wire) and ("TMS" or trans\$crani\$2 or stimulation or cranial or cranium) and (sensor with contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:14 |
| S14 | 1882 | S13 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 14:16 |
| S15 | 1074 | (coil or wire) and ("TMS" or trans\$crani\$2 or (stimulation same (cranial or cranium or skeletal or head))) and (sensor with contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:56 |
| S16 | 808 | S15 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 14:37 |
| S17 | 747 | S16 and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:20 |
| S18 | 747 | S17 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:19 |
| S19 | 745 | S18 not S9 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:19 |
| S20 | 12 | (US-20060173274-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193001-\$ or US-20050107654-\$ or US-20030050527-\$).did. or (US-6926660-\$ or US-7104947-\$ or US-7087008-\$ or US-6849040-\$ or US-6827681-\$ or US-4915110-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/09/19 14:19 |
| S21 | 745 | S19 not S20 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:21 |
| S22 | 14 | S19 and trans\$crani\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:37 |

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|-----|-------|--|---|----|-----|---------------------|
| S23 | 14 | S22 not S20 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:21 |
| S24 | 14 | S23 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:21 |
| S25 | 14 | S24 not S9 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:22 |
| S26 | 1497 | (606/130 607/46).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 14:35 |
| S27 | 41 | S26 and trans\$crani\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 14:37 |
| S28 | 38 | S27 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 07:48 |
| S29 | 54616 | (coil or wire) and ("TMS" or trans\$crani\$2 or (stimulation same (cranial or cranium or skeletal or head))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 15:24 |
| S30 | 3424 | (coil or wire) and (trans \$crani\$2 or (stimulation same (cranial or cranium or skeletal or head))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 15:24 |
| S31 | 2293 | S30 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/19 15:25 |
| S32 | 1937 | S31 and (process\$3 or computer or display) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 15:26 |
| S33 | 1509 | S32 and (head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/19 15:26 |
| S34 | 3427 | (coil or wire) and (trans \$crani\$2 or (stimulation same (cranial or cranium or skeletal or head))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 07:48 |

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|-----|--------|---|---|----|-----|---------------------|
| S35 | 2293 | S34 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:21 |
| S36 | 1937 | S35 and (process\$3 or computer or display) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 07:36 |
| S37 | 1509 | S36 and (head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 09:47 |
| S38 | 873 | S37 and magnetic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 07:52 |
| S39 | 341858 | (sensor or sensing or contact or proximity or close) with (skull or head or cranium or brain) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 07:54 |
| S40 | 505 | S38 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 07:55 |
| S41 | 501 | S40 and (stimulat\$3 or treat \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 09:58 |
| S42 | 99 | trans\$cranial and magnetic and (sens\$3 with (position or contact\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 09:21 |
| S43 | 63 | S42 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:39 |
| S44 | 18 | (US-20060173274-\$ or US- 20050228209-\$ or US- 20050148808-\$ or US- 20040193001-\$ or US- 20030050527-\$ or US- 20050107654-\$ or US- 20060241374-\$ or US- 20050075560-\$ or US- 20040143300-\$ or US- 20040039279-\$).did. or (US-7087008-\$ or US- 6926660-\$ or US-6827681- \$ or US-7104947-\$ or US- 6849040-\$ or US-4915110- \$ or US-7221981-\$ or US- 6256531-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/09/20 09:22 |

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|-----|-------|---|---|----|-----|---------------------|
| S45 | 57 | S43 not S44 | US-PGPUB; USPAT | OR | OFF | 2007/09/20 09:38 |
| S46 | 26 | (pressure near map\$4) and trans\$cranial | US-PGPUB; USPAT | OR | OFF | 2007/09/20 09:40 |
| S47 | 16 | S46 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:41 |
| S48 | 164 | (pressure near map\$4) and magnetic and stimulation | US-PGPUB; USPAT | OR | OFF | 2007/09/20 09:40 |
| S49 | 162 | (pressure near (map or mapping)) and magnetic and stimulation | US-PGPUB; USPAT | OR | OFF | 2007/09/20 09:48 |
| S50 | 114 | S49 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:47 |
| S51 | 110 | S50 not S47 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:46 |
| S52 | 3800 | (membrane near switch\$3) and contact\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:51 |
| S53 | 879 | S52 and (head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 09:47 |
| S54 | 664 | S53 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:51 |
| S55 | 31952 | trans\$crani\$2 or (magnetic and stimulation) | US-PGPUB; USPAT | OR | ON | 2007/09/20 09:48 |
| S56 | 16 | S54 and S55 | US-PGPUB; USPAT | OR | ON | 2007/09/20 09:48 |
| S57 | 1063 | (membrane near switch\$3) with contact\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:54 |
| S58 | 922 | S57 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:55 |
| S59 | 1615 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:32 |

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| S60 | 0 | S59 and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:55 |
| S61 | 1 | S59 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:53 |
| S62 | 1498 | (606/130 607/46).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:53 |
| S63 | 0 | S62 and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:54 |
| S64 | 711 | (membrane near switch\$3) with position\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:56 |
| S65 | 1 | S59 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:55 |
| S66 | 0 | S65 AND @AD< "20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:58 |
| S67 | 5 | S62 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:55 |
| S68 | 5 | S67 AND @AD< "20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 09:55 |
| S69 | 1299 | (membrane near switch\$3) with (position\$3 or contact) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 10:03 |
| S70 | 161 | S69 and (stimulat\$3 or treat \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:03 |
| S71 | 324 | S69 and (stimulat\$3 or treat \$4 or magnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:04 |

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| S72 | 259 | S71 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 10:04 |
| S73 | 1636 | (membrane near switch\$3) with (position\$3 or contact or pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 10:03 |
| S74 | 269 | S73 and (stimulat\$3 or treat \$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:03 |
| S75 | 269 | S74 and (stimulat\$3 or treat \$4 or magnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:03 |
| S76 | 471 | S73 and (stimulat\$3 or treat \$4 or magnetic) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:04 |
| S77 | 372 | S76 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 10:36 |
| S78 | 241 | S77 and (patient or brain or body or head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 10:05 |
| S79 | 196 | (trans\$cranial and (magnetic or stimulat\$3)) and (coil or wire) and sensor and (position or contact) and process\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/20 10:35 |
| S80 | 116 | S79 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:31 |
| S81 | 20 | (US-20060173274-\$ or US- 20050228209-\$ or US- 20050148808-\$ or US- 20040193001-\$ or US- 20030050527-\$ or US- 20050107654-\$ or US- 20060241374-\$ or US- 20050075560-\$ or US- 20040143300-\$ or US- 20040039279-\$ or US- 20050060012-\$).did. or (US-7087008-\$ or US- 6926660-\$ or US-6827681- \$ or US-7104947-\$ or US- 6849040-\$ or US-4915110- | US-PGPUB; USPAT | OR | OFF | 2007/09/20 10:36 |

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| | | \$ or US-7221981-\$ or US-6256531-\$ or US-6511427-\$).did. | | | | |
| S82 | 107 | S80 not S81 | US-PGPUB; USPAT | OR | OFF | 2007/09/20 10:48 |
| S83 | 9 | S80 not S82 | US-PGPUB; USPAT | OR | OFF | 2007/09/20 11:11 |
| S84 | 1 | ("6066084").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:15 |
| S85 | 1 | ("5855582").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:30 |
| S86 | 876 | ((detect\$3 or sens\$3) near proximity) with coil | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:31 |
| S87 | 678 | S86 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:32 |
| S88 | 1271 | ((detect\$3 or sens\$3) near proximity) with (coil or wire) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:31 |
| S89 | 988 | S88 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:41 |
| S90 | 6844 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15 128/897 128/898).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:33 |
| S91 | 1 | S90 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:36 |
| S92 | 1 | S62 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:36 |
| S93 | 7 | ("2001/0002441").URPN. | USPAT | OR | OFF | 2007/09/20 11:41 |
| S94 | 7 | S93 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/20 11:41 |

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|------|------|--|---|----|-----|---------------------|
| S95 | 3264 | (pressure near map) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 07:47 |
| S96 | 26 | S95 and (trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:45 |
| S97 | 16 | S96 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:47 |
| S98 | 4906 | membrane near switch | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/09/21 08:38 |
| S99 | 4488 | S98 and (sens\$3 or position \$3 or contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:39 |
| S100 | 3703 | S99 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:44 |
| S101 | 2261 | S100 and (patient or body or skin or skull or head or brain or arm or leg or wrist or tissue or medical or treat or treating or treatment) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:46 |
| S102 | 0 | S101 and (trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:45 |
| S103 | 0 | S100 and (trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:45 |
| S104 | 280 | S101 and (stimulation or stimulate or (magnetic near field)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:46 |
| S105 | 251 | S104 and (patient or body or skull or head or tissue or medical or treat or treating or treatment) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:47 |
| S106 | 224 | S104 and (patient or skull or head or tissue or medical or treat or treating or treatment) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 08:47 |

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|------|-----|--|----------------------------------|----|-----|------------------|
| S107 | 24 | (US-20060173274-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040143300-\$ or US-20040193001-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20040167592-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6511427-\$ or US-6258060-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/09/21 09:14 |
| S108 | 22 | S107 and (di\$electric or conduct\$3) | US-PGPUB; USPAT | OR | OFF | 2007/09/21 09:15 |
| S109 | 2 | S107 and di\$electric | US-PGPUB; USPAT | OR | OFF | 2007/09/21 09:15 |
| S110 | 298 | (trans\$crani\$2 with magnetic with stimulat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:46 |
| S111 | 262 | S110 and (coil or wire or conduct\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:46 |
| S112 | 16 | S97 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:47 |
| S113 | 139 | S111 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:48 |
| S114 | 133 | S113 and (position or location or detect\$3 or sense or sensing or sensor or proximity) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/09/21 10:49 |
| S115 | 4 | "10/003476" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/29 10:00 |

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|------|----|--|---|----|-----|---------------------|
| S116 | 27 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/05/29 11:34 |
| S117 | 13 | S116 and volt\$3 | US-PGPUB; USPAT | OR | OFF | 2008/05/29 11:35 |
| S118 | 1 | ("20030004392").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/29 13:39 |
| S119 | 28 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20030004392-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/05/29 13:51 |

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|------|----|---|---|----|-----|---------------------|
| S120 | 25 | S119 and (optic\$2 or light) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/29 13:52 |
| S121 | 2 | S120 and (photo or (photo near diode) or photo\$diode or (photo near transistor)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/29 14:01 |
| S122 | 9 | S119 and (acoustic or sound) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/29 14:16 |
| S123 | 1 | (US-20030050527-\$).did. | US-PGPUB | OR | OFF | 2008/07/16 13:31 |
| S124 | 1 | S123 and sens\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/16 13:31 |
| S125 | 28 | (US-20060173274-\$ or US- 20060052687-\$ or US- 20050228209-\$ or US- 20050148808-\$ or US- 20040193002-\$ or US- 20040193001-\$ or US- 20040143300-\$ or US- 20030065243-\$ or US- 20030050527-\$ or US- 20050107654-\$ or US- 20060241374-\$ or US- 20050075560-\$ or US- 20040039279-\$ or US- 20040167592-\$ or US- 20050060012-\$ or US- 20010002441-\$ or US- 20040176683-\$ or US- 20030004392-\$).did. or (US-7087008-\$ or US- 6926660-\$ or US-6827681- \$ or US-7104947-\$ or US- 6849040-\$ or US-4915110- \$ or US-7221981-\$ or US- 6256531-\$ or US-6258060- \$ or US-6511427-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/07/16 13:43 |
| S126 | 20 | S125 and ("TMS" or trans \$crani\$2) and (sens\$3 or detect\$3 or pressure or contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/16 13:45 |

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|------|----|--|---|----|-----|---------------------|
| S127 | 28 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20030004392-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/07/17 07:40 |
| S128 | 20 | S127 and ("TMS" or trans \$crani\$2) and (sens\$3 or detect\$3 or pressure or contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 07:40 |
| S129 | 12 | ("20010021794" "20030004392" "20030065243" "4167190" "5116304" "6179771" "6198958"). PN. OR ("2005/0228209" "6849040").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/17 07:57 |
| S130 | 10 | S129 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 07:57 |
| S131 | 37 | ((("6,484,059") or ("6,463,328") or ("6,179,771") or ("6,571,123") or ("6,516,288") or ("6,560,490") or ("6256,531") or ("6,516,213") or ("5,828,770") or ("5,923,417") or ("6,061,644") or ("6,288,785") or ("6,553,326") or ("6,625,563") or | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 08:35 |

("5,655,534") or
("6,256,531") or
("6,537,197") or
("5,299,569") or
("6,497,648") or
("6,389,318") or
("5,097,833") or
("3,683,923") or
("6,827,681") or
("4,473,074") or
("4,638,798") or
("5,254,123") or
("5,725,471") or
("5,812,301") or
("5,820,623") or
("6,086,525") or
("6,978,179") or
("5,097,833") or
("5,299,569") or
("6,389,318") or
("6,497,648") or
("6,210,317") or
("6,279,579") or
("6,551,233") or
("6,827,681") or
("6,849,040") or
("5,855,582") or
("5,370,117") or
("6,418,345") or
("6,849,040B2")).PN. or
(2003/0023159) or
(2003/0050527) or
(2003/0073899) or
(2002/0087201) or
(2003/0130706) or
(2002/0091419) or
(2003/0004392) or
(2003/0023159) or
(2003/0065243) or
(2003/0088274) or
(2003/0082507) or
(2003/0097161) or
(2003/0125786) or
(2004/0019370) or
(2005/0021104) or
(2004/0153129) or
(2004/0051279) or
(2004/0077923) or
(2004/0138524) or
(2004/0172012) or
(2004/0193001) or
(2005/0256539) or
(2005/0228209) or
(2004/0153129) or
(2005/0021104)).CCLS.

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|------|--------|--|---|----|-----|---------------------|
| S132 | 37 | S131 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 08:35 |
| S133 | 10 | S132 and ("TMS" or trans \$crani\$2) and (sens\$3 or detect\$3 or pressure or contact\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 08:36 |
| S134 | 185673 | (sens\$3 or detect\$3 or position or proximity or distance or contact\$3) and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 09:05 |
| S135 | 19216 | ((sens\$3 or detect\$3 or position or proximity or distance or contact\$3) with (coil or wire)) and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 09:09 |
| S136 | 10787 | S135 and (pulse or field) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 09:10 |
| S137 | 4851 | S136 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 09:11 |
| S138 | 2193 | S137 and (patient or brain or cranium or head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 09:13 |
| S139 | 30 | (US-20060173274-\$ or US- 20060052687-\$ or US- 20050228209-\$ or US- 20050148808-\$ or US- 20040193002-\$ or US- 20040193001-\$ or US- 20040143300-\$ or US- 20030065243-\$ or US- 20030050527-\$ or US- 20050107654-\$ or US- 20060241374-\$ or US- 20050075560-\$ or US- 20040039279-\$ or US- 20040167592-\$ or US- 20050060012-\$ or US- 20010002441-\$ or US- 20040176683-\$ or US- 20030004392-\$).did. or (US-7087008-\$ or US- 6926660-\$ or US-6827681- \$ or US-7104947-\$ or US- 6849040-\$ or US-4915110- \$ or US-7221981-\$ or US- 6256531-\$ or US-6258060- | US-PGPUB; USPAT | OR | OFF | 2008/07/17 09:16 |

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|------|-------|--|---|----|-----|---------------------|
| | | \$ or US-6511427-\$ or US-6198958-\$ or US-6179771-\$).did. | | | | |
| S141 | 1620 | S140 not (protein or amino) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 09:18 |
| S142 | 1343 | S141 not engine | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 09:21 |
| S143 | 1116 | ((sens\$3 or detect\$3 or position or proximity or distance or contact\$3) with (coil or wire) with (head or brain or cranium or skull)) and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 12:20 |
| S144 | 19216 | ((sens\$3 or detect\$3 or position or proximity or distance or contact\$3) with (coil or wire)) and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 12:21 |
| S145 | 10787 | S144 and (pulse or field) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 12:21 |
| S146 | 4851 | S145 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:21 |
| S147 | 2193 | S146 and (patient or brain or cranium or head or skull) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:21 |
| S148 | 30 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20030004392-\$).did. or | US-PGPUB; USPAT | OR | OFF | 2008/07/17 12:21 |

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|------|------|---|---|----|-----|---------------------|
| | | (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$ or US-6198958-\$ or US-6179771-\$).did. | | | | |
| S149 | 2175 | S147 not S148 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:21 |
| S150 | 1620 | S149 not (protein or amino) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:21 |
| S151 | 1343 | S150 not engine | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:21 |
| S152 | 862 | S143 not S151 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:23 |
| S153 | 61 | S152 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:23 |
| S154 | 366 | ((sens\$3 or detect\$3 or position or proximity or distance or contact\$3) with (coil or wire) with (head or brain or cranium or skull)) and (magnetic with (treat \$3 or therap\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/17 12:33 |
| S155 | 232 | S154 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:34 |
| S156 | 219 | S155 not S153 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:34 |
| S157 | 218 | S156 not S148 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 12:34 |
| S158 | 1698 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 14:56 |

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|------|------|--|---|----|-----|---------------------|
| S159 | 131 | S158 and ((coil or wire) with (pressure or contact \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 14:58 |
| S160 | 86 | S159 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 14:58 |
| S161 | 32 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20030004392-\$ or US-20040078056-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$ or US-6198958-\$ or US-6179771-\$ or US-7305268-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/07/17 14:58 |
| S162 | 82 | S160 not S161 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/17 14:59 |
| S163 | 1698 | (600/9 600/10 600/11 600/12 600/13 600/14 600/15).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:28 |
| S164 | 453 | S163 and ((coil or wire or conduct\$3) with (position \$3 or proximity or distance or close\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:28 |
| S165 | 348 | S164 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:28 |

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|------|-----|--|---|----|-----|---------------------|
| S166 | 131 | S163 and ((coil or wire) with (pressure or contact \$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:29 |
| S167 | 86 | S166 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:29 |
| S168 | 32 | (US-20060173274-\$ or US-20060052687-\$ or US-20050228209-\$ or US-20050148808-\$ or US-20040193002-\$ or US-20040193001-\$ or US-20040143300-\$ or US-20030065243-\$ or US-20030050527-\$ or US-20050107654-\$ or US-20060241374-\$ or US-20050075560-\$ or US-20040039279-\$ or US-20040167592-\$ or US-20050060012-\$ or US-20010002441-\$ or US-20040176683-\$ or US-20030004392-\$ or US-20040078056-\$).did. or (US-7087008-\$ or US-6926660-\$ or US-6827681-\$ or US-7104947-\$ or US-6849040-\$ or US-4915110-\$ or US-7221981-\$ or US-6256531-\$ or US-6258060-\$ or US-6511427-\$ or US-6198958-\$ or US-6179771-\$ or US-7305268-\$).did. | US-PGPUB; USPAT | OR | OFF | 2008/07/18 07:29 |
| S169 | 82 | S167 not S168 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:29 |
| S171 | 289 | S165 not S169 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 07:29 |
| S172 | 170 | S171 and ("TMS" or trans \$crani\$2 or brain or cranium or scalp or head) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/18 07:30 |
| S173 | 13 | (measur\$3 with distance with (coil or wire)) and S163 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/18 09:20 |

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|------|----|---|---|----|-----|---------------------|
| S174 | 13 | S173 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 09:21 |
| S175 | 97 | (measur\$3 with distance with (coil or wire)) and ("TMS" or trans\$crani\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/07/18 09:25 |
| S176 | 35 | S175 AND @AD<"20040415" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 09:25 |
| S177 | 35 | S176 not S174 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 09:25 |
| S178 | 33 | S177 not S168 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 09:26 |
| S179 | 66 | ("20010031906" "20020013612" "20020087201" "20020091419" "20020103515" "20020123780" "20020160436" "20020169355" "20030004392" "20030023159" "20030028072" "20030050527" "20030073899" "20030074032" "20030082507" "20030087264" "20030088274" "20030097161" "20030125786" "20030130706" "20030195588" "20030204135" "20040010177" "20040138550" "20040143300" "3683923" "4712558" "4994015" "4995395" "5078674" "5097833" "5116304" "5154723" "5566681" "5707334" "5769778" "5813970" "6057373" "6066084" "6117066" "6155966" "6169963" "6179769" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/18 09:30 |

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|------|----|---|---|----|-----|---------------------|
| | | "6179771" "6198958" "6253109" "6256531" "6366814" "6389318" "6402678" "6463328" "6484059" "6488617" "6497648" "6503187" "6516288" "6537197" "6551233" "6560490" "6567702" "6571123" "6572528" "6618614" "6629935" "6663556"). PN. OR ("2004/0193001" "6926660").URPN. | | | | |
| S180 | 60 | S179 not S168 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 09:30 |
| S181 | 4 | ((("4995395") or ("4994015") or ("4712558") or ("3683923")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 10:24 |
| S182 | 3 | ((("5154723") or ("6618614") or ("5566681")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/07/18 10:32 |

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